



# California Regional Water Quality Control Board

## Central Coast Region



Linda S. Adams  
Secretary for  
Environmental  
Protection

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Arnold Schwarzenegger  
Governor

September 22, 2008

Jerry Marcotte, PE  
California Department of Transportation  
1801 30<sup>th</sup> Street, MS9-3/11H  
Sacramento, CA 95816-8041

Dear Mr. Marcotte:

### **NOTICE OF ENROLLMENT UNDER GENERAL WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES TO LAND BY SMALL DOMESTIC WASTEWATER TREATMENT SYSTEMS, SHANDON ROADSIDE REST AREA (SRRA) , SHANDON, SAN LUIS OBISPO COUNTY**

Thank you for submitting your report of waste discharge for the Shandon Safety Roadside Rest Area. Central Coast Water Board staff has determined that coverage under Water Quality Order No. 97-10-DWQ, General Waste Discharge Requirements for Discharges to Land by Small Domestic Systems (General WDRs) is appropriate. Our understanding of the existing waste discharge is as follows:

- Plumbing fixtures of the Shandon Safety Roadside Rest Area include toilets, urinals, and sinks.
- The Shandon Safety Roadside Rest Area is located approximately 2.5 miles from the City of Shandon on Route 46 at kilometer post 49.5 (35.6753 N, 120.3467 W), Shandon, San Luis Obispo County.
- The surrounding area is dominated by mountains and farmland.
- The Shandon Safety Roadside Rest Area will use a new on-site wastewater treatment and disposal system to process an expected peak flow of about 9,800 gallons per day.
- Geologic reports indicate that groundwater is approximately 68 feet below ground surface and its flow is expected to follow the regional natural contour of the land, in a northeast direction.
- Cholame Creek is located approximately 800 feet to the north of Shandon Safety Roadside Rest Area.

Shandon Safety Roadside Rest Area is hereby enrolled under the General WDRs.

*California Environmental Protection Agency*

As a condition of enrollment, you are required to:

1. Comply with the General WDRs, which can be accessed at:

**<http://www.waterboards.ca.gov/resdec/wqorders/1997/wqo97-10.htm>**

2. Operate your facility as described in your report of waste discharge.
3. Comply with the attached Monitoring and Reporting Program (MRP) No. 97-10-DWQ, as modified specifically for the Shandon Roadside Rest Area.

We will notify the Central Coast Water Board of the enrollment at the **October 17, 2008** Water Board meeting.

If you have any questions regarding this matter, please feel free to contact **Tom Kukol** at **(805) 549-3689** or at **[tkukol@waterboards.ca.gov](mailto:tkukol@waterboards.ca.gov)**.

Sincerely,



Roger W. Briggs  
Executive Officer

TJK  
126-01  
Gen WDR 97-10-DWQ  
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**STATE WATER RESOURCES CONTROL BOARD  
MONITORING AND REPORTING PROGRAM NO. 97-10-DWQ  
MODIFIED FOR**

**SHANDON ROADSIDE REST AREA  
SAN LUIS OBISPO COUNTY**

Revised September 22, 2008

Reporting responsibilities are specified in Sections 13225(a), 13267(b), 13383, and 13387(b) of the California Water Code.

**WATER SUPPLY MONITORING**

Representative samples of the water supply shall be collected and analyzed as follows:

Constituents	Units	Sample Type	Minimum Sampling and Analyzing Frequency
Total Dissolved Solids	mg/L	Grab	Annually (March)
Sodium	mg/L	Grab	Annually (March)
Chloride	mg/L	Grab	Annually (March)
Total Nitrogen (as N)	mg/L	Grab	Annually (March)
Nitrate (as N)	mg/L	Grab	Annually (March)
Nitrite (as N)	mg/L	Grab	Annually (March)
Ammonia (as N)	mg/L	Grab	Annually (March)

**SEPTIC TANK EFFLUENT MONITORING**

Representative effluent samples shall be collected and analyzed as follows:

Parameters/ Constituents	Units	Sample Type	Minimum Sampling and Analyzing Frequency
Flow	gpd	Metered	Continuous
BOD	-	Grab	Monthly for the first six months of operation, followed by quarterly for one and a half years, reduced to annually for subsequent years (Monitoring reports must indicate which monitoring frequency is in effect)
TSS			
Total Dissolved Solids	mg/L	Grab	
Total Nitrogen (as N)	mg/L	Grab	

**EFFLUENT PRIOR TO SOIL DISPERSAL MONITORING**

Parameters/ Constituents	Units	Sample Type	Minimum Sampling and Analyzing Frequency
BOD	-	Grab	Monthly for the first six months of operation, followed by quarterly for one and a half years, reduced to annually for subsequent years (Monitoring reports must indicate which monitoring frequency is in effect)
TSS			
Total Dissolved Solids	mg/L	Grab	
Total Nitrogen (as N)	mg/L	Grab	



### SEPTIC TANK MONITORING

Sludge and scum accumulation in septic tanks shall be measured as follows:

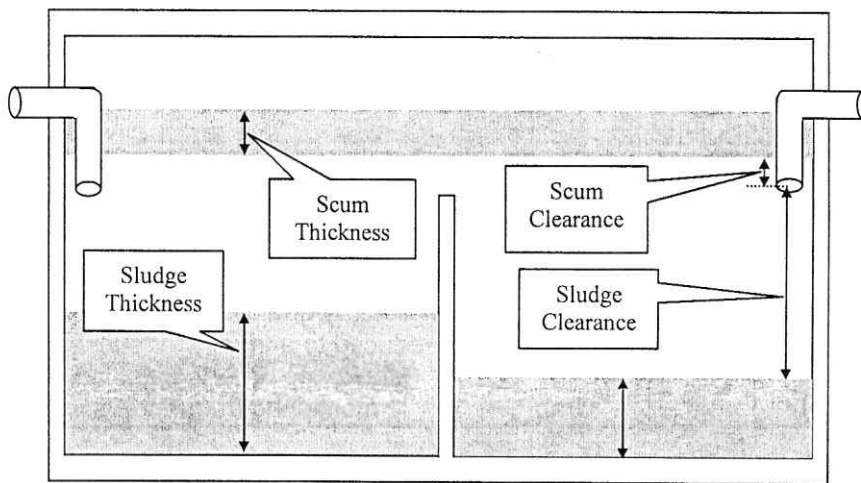
Parameter	Units	Sample Type	Minimum Sampling and Analyzing Frequency
Sludge Thickness (in each compartment)	inches	Staff Gauge	Annually (March) *
Scum Thickness (in each compartment)	inches	Staff Gauge	Annually (March) *
Scum clearance	inches	Staff Gauge	Annually (March) *
Sludge clearance	inches	Staff Gauge	Annually (March) *

\* If septic tank solids were pumped within the preceding year, then sludge and scum measurements are not necessary.

Septic tanks shall be pumped when any one of the following conditions exist or may occur before the next inspection:

- The combined thickness of the sludge and scum exceeds one-third of the tank depth of the first compartment; or,
- The scum layer is within three inches of the outlet device; or,
- The sludge layer is within eight inches of the outlet device.

In lieu of septic tank measuring, the septic tank may be pumped annually.



### DISPOSAL AREA MONITORING

The Discharger shall make at least weekly visual inspections of the treatment and disposal systems. In making inspections, the Discharger shall note compliance status with this Order. A log of inspections shall be maintained and submitted with the regular reporting data. A maintenance log shall be kept.

## REPORTING

Monitoring reports are required **annually** by the January 31<sup>st</sup> and shall contain all data collected during the previous calendar year (January through December). In reporting monitoring data, the discharger shall arrange the data in tabular form so that the date, the constituents/parameters, and the concentrations are readily discernible. Records of monitoring information shall include:

- a. The dates, exact place, and time of sampling or measurement(s);
- b. The individual(s) who performed the sampling or measurement(s);
- c. The date(s) analyses were performed;
- d. The individual(s) who performed the analysis;
- e. The analytical techniques or method used; and
- f. The results of such analysis.

The data shall be summarized in such a manner to illustrate clearly whether the discharge complies with WDRs. In particular, total nitrogen mass loading should be discussed. In addition, the Discharger shall discuss the compliance record and the corrective actions taken or planned that may be needed to bring the discharge into full compliance with the general WDRs. If the Discharger monitors any pollutant at the locations designated herein more frequently than is required by this Order, the results of such monitoring shall be included in the calculation and reporting of the values required in the discharge monitoring report form. Such increased frequency shall be indicated on the discharge monitoring report form.

All reports submitted in response to these general WDRs shall comply with the signatory requirements of Standard Provision B.2.

The discharger shall implement the above monitoring program on the first day of the month following the effective date of coverage under these general WDRs.

Ordered by: \_\_\_\_\_

Executive Officer

Date: \_\_\_\_\_

9-22-08

TJK

126-01

Gen WDR 97-10-DWQ

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